

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/980,771 B  
Source: IFW116  
Date Processed by STIC: 1-28-05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 01/28/2005

PATENT APPLICATION: US/09/980,771B

TIME: 14:42:49

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\01282005\I980771B.raw

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3 <110> APPLICANT: D'HULST, CHRISTOPHE
4     BALL, STEVEN
6 <120> TITLE OF INVENTION: STARCH GRANULES CONTAINING A RECOMBINANT POLYPEPTIDE OF
7     INTEREST, A METHOD OF OBTAINING THEM, AND THEIR USES
9 <130> FILE REFERENCE: bml-410.020
11 <140> CURRENT APPLICATION NUMBER: 09/980,771B
12 <141> CURRENT FILING DATE: 2002-01-10
14 <150> PRIOR APPLICATION NUMBER: PCT/FR00/01384
15 <151> PRIOR FILING DATE: 2000-05-19
17 <150> PRIOR APPLICATION NUMBER: FR 99/06494
18 <151> PRIOR FILING DATE: 1999-05-21
20 <160> NUMBER OF SEQ ID NOS: 15
22 <170> SOFTWARE: PatentIn Ver. 3.2
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91 for the GBSSI of Chlamydomonas reinhardtii
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94 <221> NAME/KEY: CDS
95 <222> LOCATION: (1)..(2124)
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100 1 5 10 15
102 atc aat gcc gcg tcg ttc ggt gtc aag aag acc gcg aac cag ctg ctg 96
103 Ile Asn Ala Ala Ser Phe Gly Val Lys Lys Thr Ala Asn Gln Leu Leu
104 20 25 30
106 cgt gag ctt gct cgt ggc tcc gca cgc aag tcc acc tcg cgc tcg gct 144
107 Arg Glu Leu Ala Arg Gly Ser Ala Arg Lys Ser Thr Ser Arg Ser Ala
108 35 40 45
110 gtt act ggt gcc act ggt gcc act tgc gcg ctg gac atc gtg atg gtt 192
111 Val Thr Gly Ala Thr Gly Ala Thr Cys Ala Leu Asp Ile Val Met Val

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119	Thr Gly Gly Leu Pro Ile Glu Leu Val Lys Arg Gly His Arg Val Met			
120	85 90 95			
122	acc att gcc cct cgc tac gac cag tac gct gac gcc tgg gac acc tcg	336		
123	Thr Ile Ala Pro Arg Tyr Asp Gln Tyr Ala Asp Ala Trp Asp Thr Ser			
124	100 105 110			
126	gtg gtc gtg gac atc atg ggc gag aag gtc cgc tac ttc cac tcc atc	384		
127	Val Val Val Asp Ile Met Gly Glu Lys Val Arg Tyr Phe His Ser Ile			
128	115 120 125			
130	aag aag ggc gtg cac cgc gtg tgg att gac cac ccc tgg ttc ctg gcc	432		
131	Lys Lys Gly Val His Arg Val Trp Ile Asp His Pro Trp Phe Leu Ala			
132	130 135 140			
134	aag gtc tgg ggc aag acc ggc tcc aag ctg tac ggc ccc cgc tcc ggc	480		
135	Lys Val Trp Gly Lys Thr Gly Ser Lys Leu Tyr Gly Pro Arg Ser Gly			
136	145 150 155 160			
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139	Ala Asp Tyr Leu Asp Asn His Lys Arg Phe Ala Leu Phe Cys Lys Ala			
140	165 170 175			
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144	180 185 190			
146	gtc ttc gtg gcc aac gac tgg cac tcc gcc ctg gtg ccc gtc ctg ctg	624		
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151	Lys Asp Glu Tyr Gln Pro Lys Gly Gln Phe Thr Lys Ala Lys Ser Val			
152	210 215 220			
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155	Leu Ala Ile His Asn Ile Ala Phe Gln Gly Arg Met Trp Glu Glu Ala			
156	225 230 235 240			
158	ttc aag gac acg aag ctg ccc cag gcc gcc ttt gac aag ctg gcc ttc	768		
159	Phe Lys Asp Thr Lys Leu Pro Gln Ala Ala Phe Asp Lys Leu Ala Phe			
160	245 250 255			
162	tcg gac ggc tat gcc aag gtt tac act gag gcc acc ccc atg gag gag	816		
163	Ser Asp Gly Tyr Ala Lys Val Tyr Thr Glu Ala Thr Pro Met Glu Glu			
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166	gac gag aag ccc ccg ctg acg gga aag acc tac aag aag atc aac tgg	864		
167	Asp Glu Lys Pro Pro Leu Thr Gly Lys Thr Tyr Lys Lys Ile Asn Trp			
168	275 280 285			
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171	Leu Lys Gly Gly Ile Ile Ala Ala Asp Lys Leu Val Thr Val Ser Pro			
172	290 295 300			
174	aac tac gcg acc gag atc gct gcc gat gcc gcc ggc ggt gtg gag ctg	960		
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183	Asp Ile Glu Glu Trp Asn Pro Lys Thr Asp Lys Phe Leu Ser Ala Pro	
184	340 345 350	
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187	Tyr Asp Gln Asn Ser Val Tyr Ala Gly Lys Ala Ala Ala Lys Glu Ala	
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192	370 375 380	
194	gcc ttc atc ggc cgc ctg gag gag cag aag ggt gtg gac atc atc ctg	1200
195	Ala Phe Ile Gly Arg Leu Glu Glu Gln Lys Gly Val Asp Ile Ile Leu	
196	385 390 395 400	
198	gcc gcc ctg ccc aag atc ctg gcc acc ccc aag gtg cag atc gcc atc	1248
199	Ala Ala Leu Pro Lys Ile Leu Ala Thr Pro Lys Val Gln Ile Ala Ile	
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204	420 425 430	
206	acc aag tac aag ggc cgc gcc aag ggc gtg gtc aag ttc tcg gcg ccc	1344
207	Thr Lys Tyr Lys Gly Arg Ala Lys Gly Val Val Lys Phe Ser Ala Pro	
208	435 440 445	
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211	Leu Ala His Met Leu Thr Ala Gly Ala Asp Phe Met Leu Val Pro Ser	
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218	acc gtg ccc gtg gta gcc tcc acc ggc ggc ctg gtc gac acc gtc aag	1488
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231	Glu Val Phe Ala Gly Gly Arg Tyr Pro Glu Met Val Ala Asn Cys Ile	
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234	agc cag gac ctg tcc tgg tcc aag ccc gcc cag aag tgg gag ggc ctg	1680
235	Ser Gln Asp Leu Ser Trp Ser Lys Pro Ala Gln Lys Trp Glu Gly Leu	
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238	ctg gag gag gtg gtg tac ggc aag ggc ggc gtg gcc acc gcc aag aag	1728
239	Leu Glu Glu Val Val Tyr Gly Lys Gly Gly Val Ala Thr Ala Lys Lys	
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247 Ala Val Ser Tyr Ala Pro Asn Thr Leu Lys Pro Val Ser Ala Ser Val
248      595      600      605
250 gag ggc aac ggc gcc gcc gcg ccc aag gtc ggc acc acc gcc ccc gcc 1872
251 Glu Gly Asn Gly Ala Ala Ala Pro Lys Val Gly Thr Thr Ala Pro Ala
252      610      615      620
254 atg ggc gcg tgg cgc gcg acc acc ccc tcg ggc ccc tcg ccc gcc gcc 1920
255 Met Gly Ala Trp Arg Ala Thr Thr Pro Ser Gly Pro Ser Pro Ala Ala
256 625      630      635      640
258 gcc acc ccc aag gtg acc acc tac aag ccc gcc ctg ccc gcc acc gcc 1968
259 Ala Thr Pro Lys Val Thr Thr Tyr Lys Pro Ala Leu Pro Ala Thr Ala
260      645      650      655
262 aag ccc aag acc gct ggc ctc aag ctg gcc ggt gag gcc tcc acc acc 2016
263 Lys Pro Lys Thr Ala Gly Leu Lys Leu Ala Gly Glu Ala Ser Thr Thr
264      660      665      670
266 tcg acc tcg gag aac ggc gct gcc tcc aac ggc aac ggc aac ggt gcc 2064
267 Ser Thr Ser Glu Asn Gly Ala Ala Ser Asn Gly Asn Gly Asn Gly Ala
268      675      680      685
270 tcg gcc tcc aag acc tcg gct gcc aag ccc ctg gtc tcc gcc gcc acc 2112
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294 35 40 45
296 Val Thr Gly Ala Thr Gly Ala Thr Cys Ala Leu Asp Ile Val Met Val
297 50 55 60
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300 65 70 75 80
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